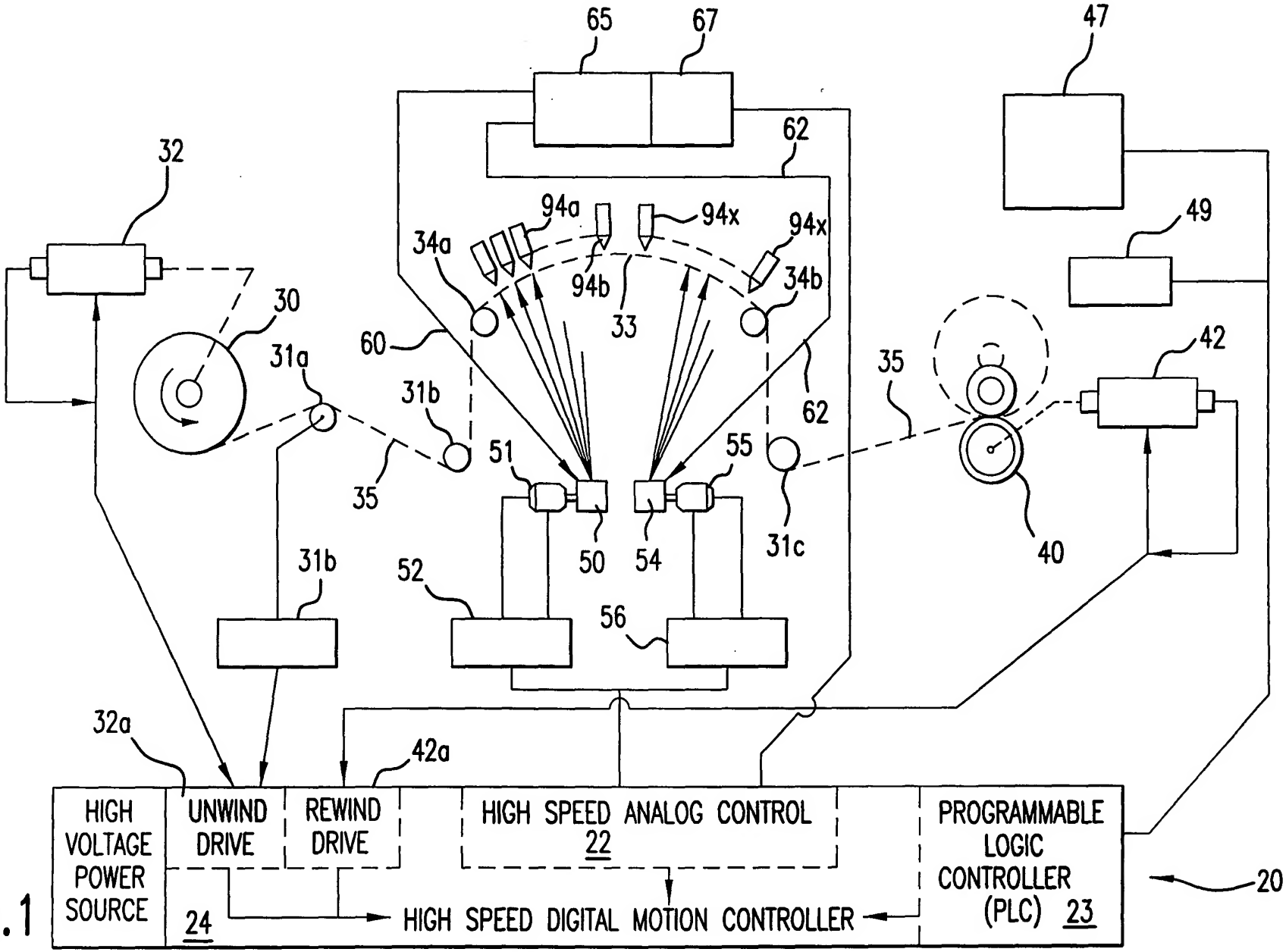
65
67
47
62
32
94a
94x
94x
49
34a
94b
33
34b
30
60
31a
31b
62
35
42
35
51
55
31b
50
54
31c
40
52
56
32a
42a
HIGH VOLTAGE POWER SOURCE
UNWIND DRIVE
REWIND DRIVE
HIGH SPEED ANALOG CONTROL 22
PROGRAMMABLE LOGIC CONTROLLER (PLC) 23
20
24
HIGH SPEED DIGITAL MOTION CONTROLLER

FIG. 1

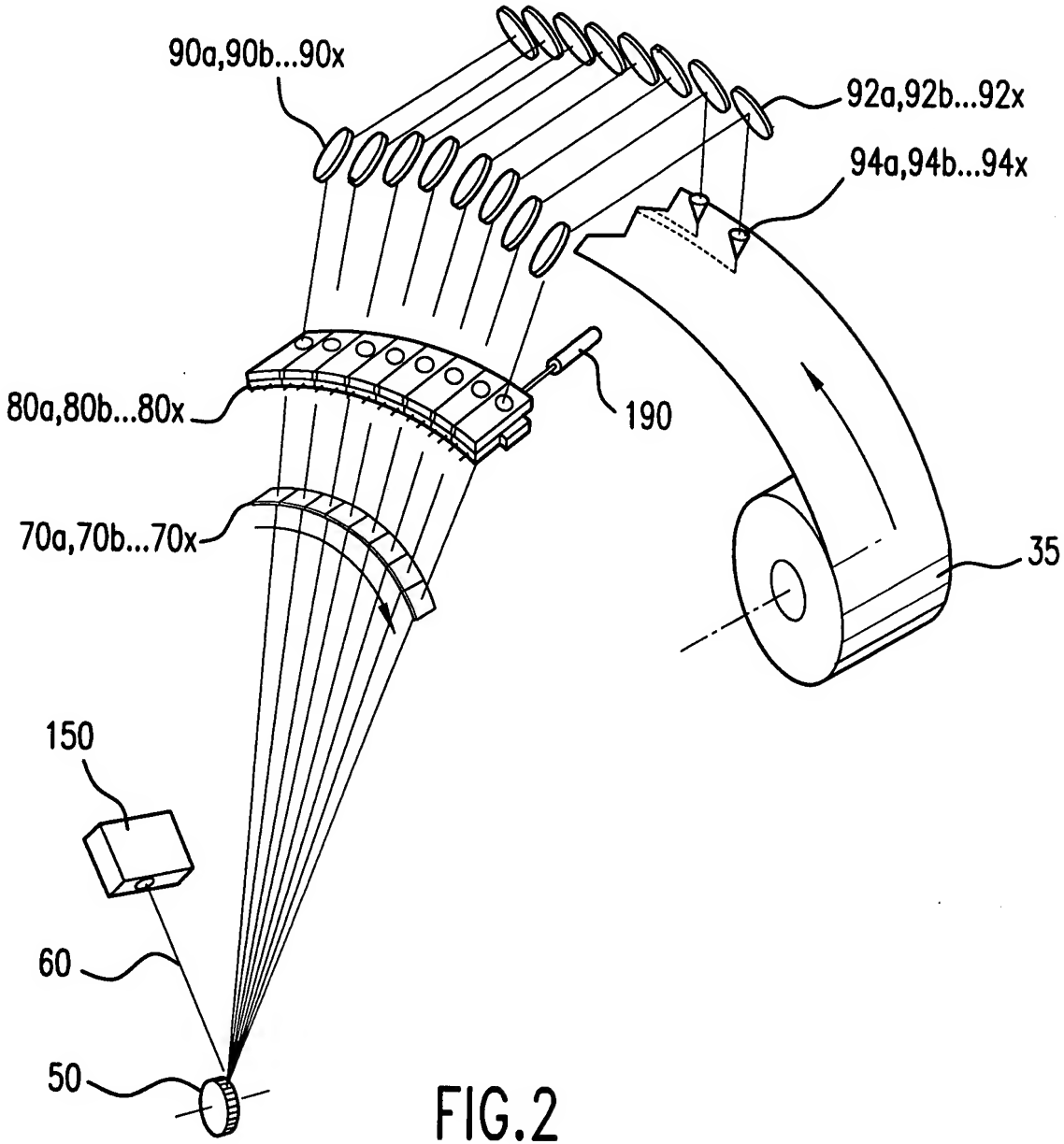
90a,90b...90x
92a,92b...92x
94a,94b...94x
80a,80b...80x
190
70a,70b...70x
35
150
60
50

FIG.2

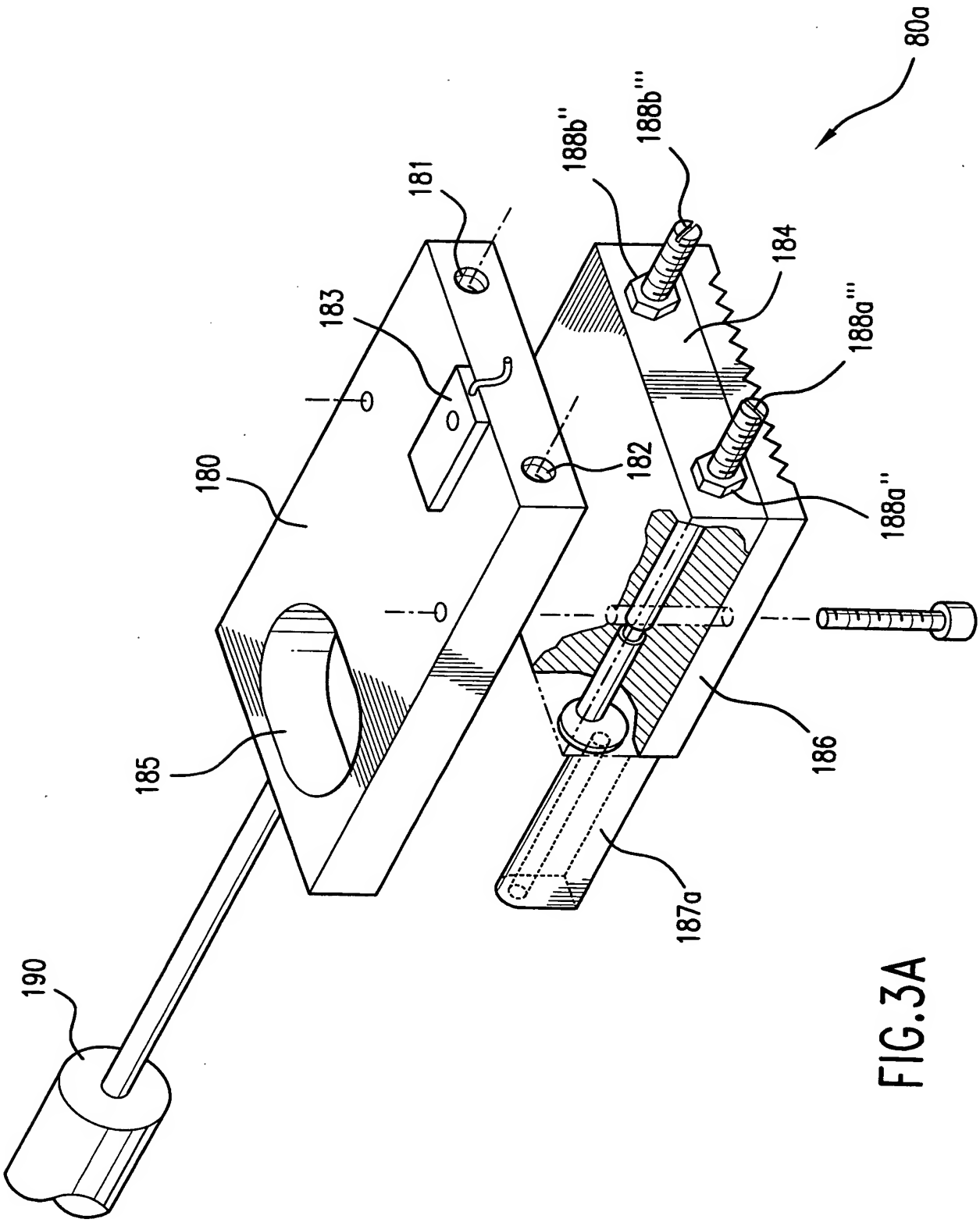

FIG.3A

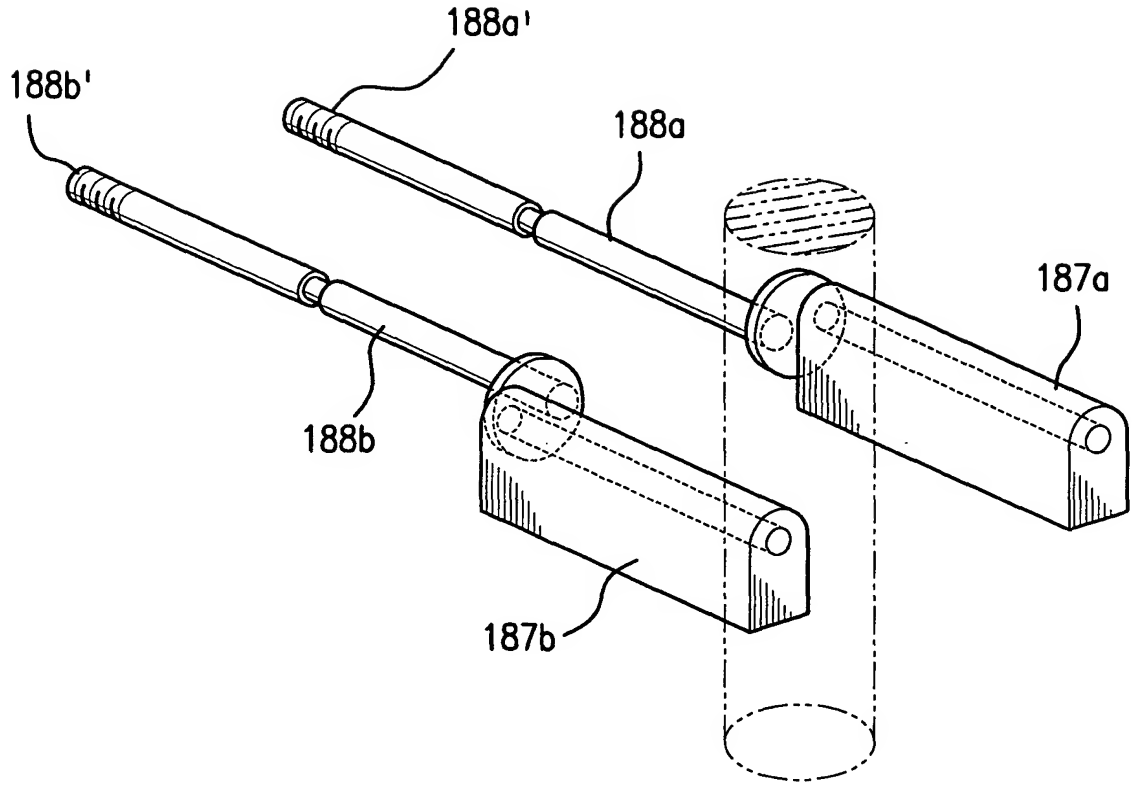

FIG.3B

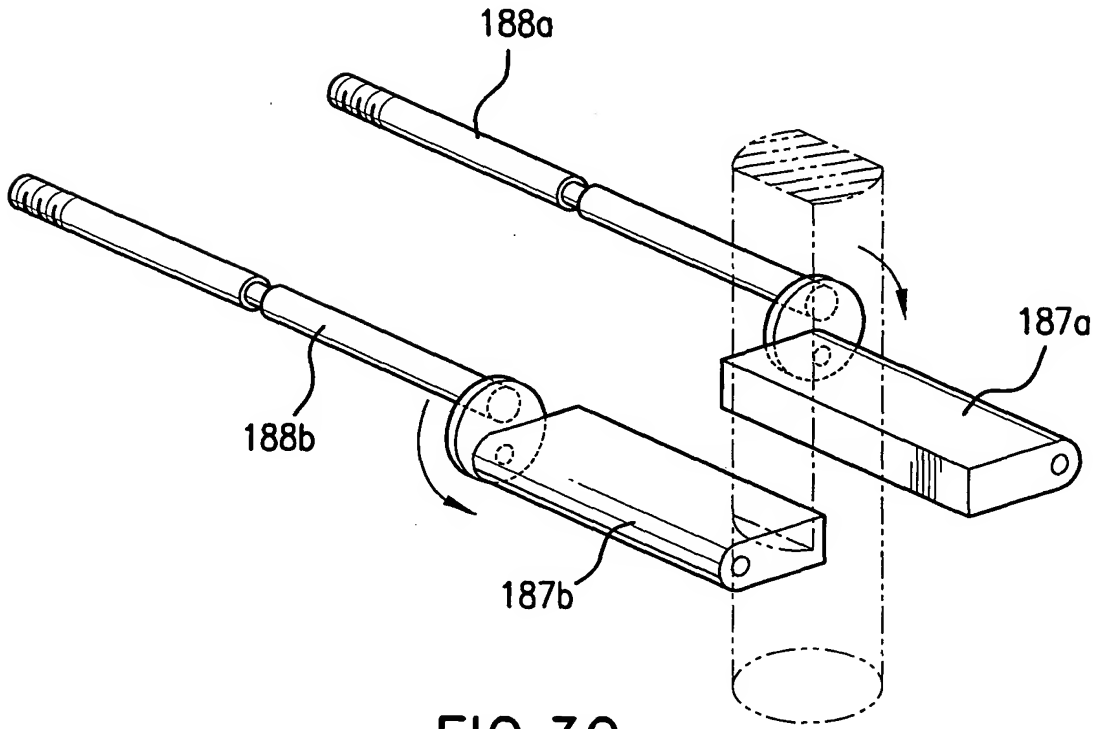

FIG.3C

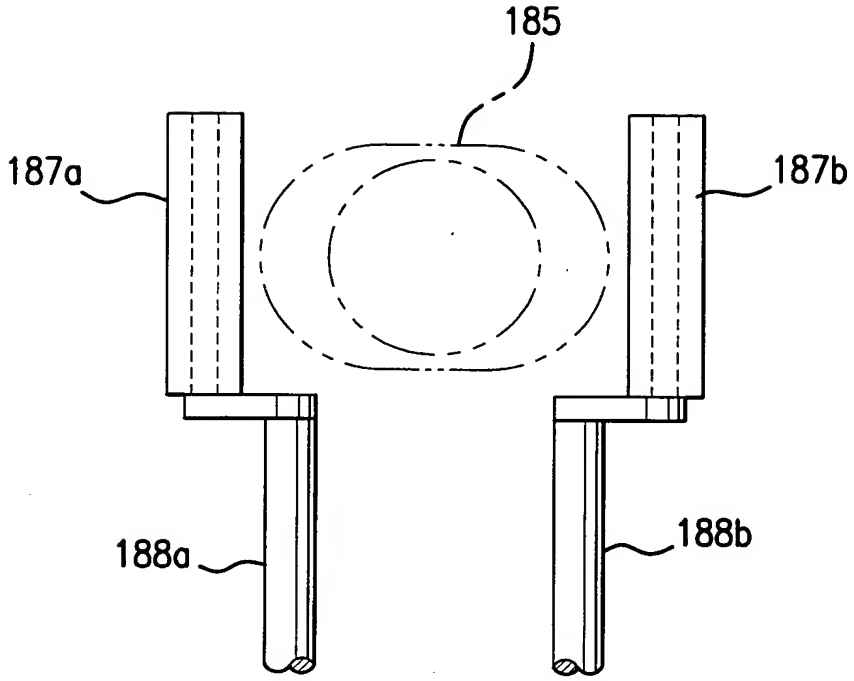

FIG.3D

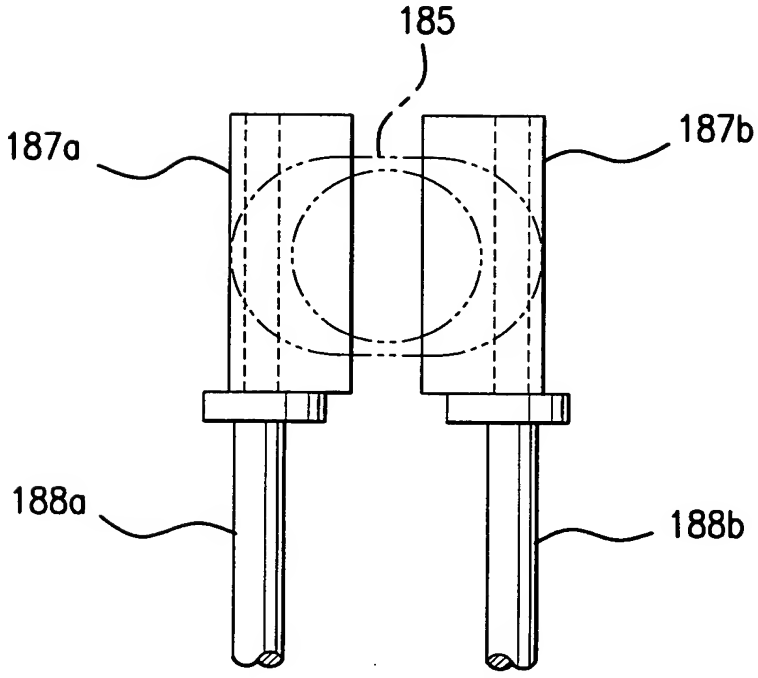

FIG.3E

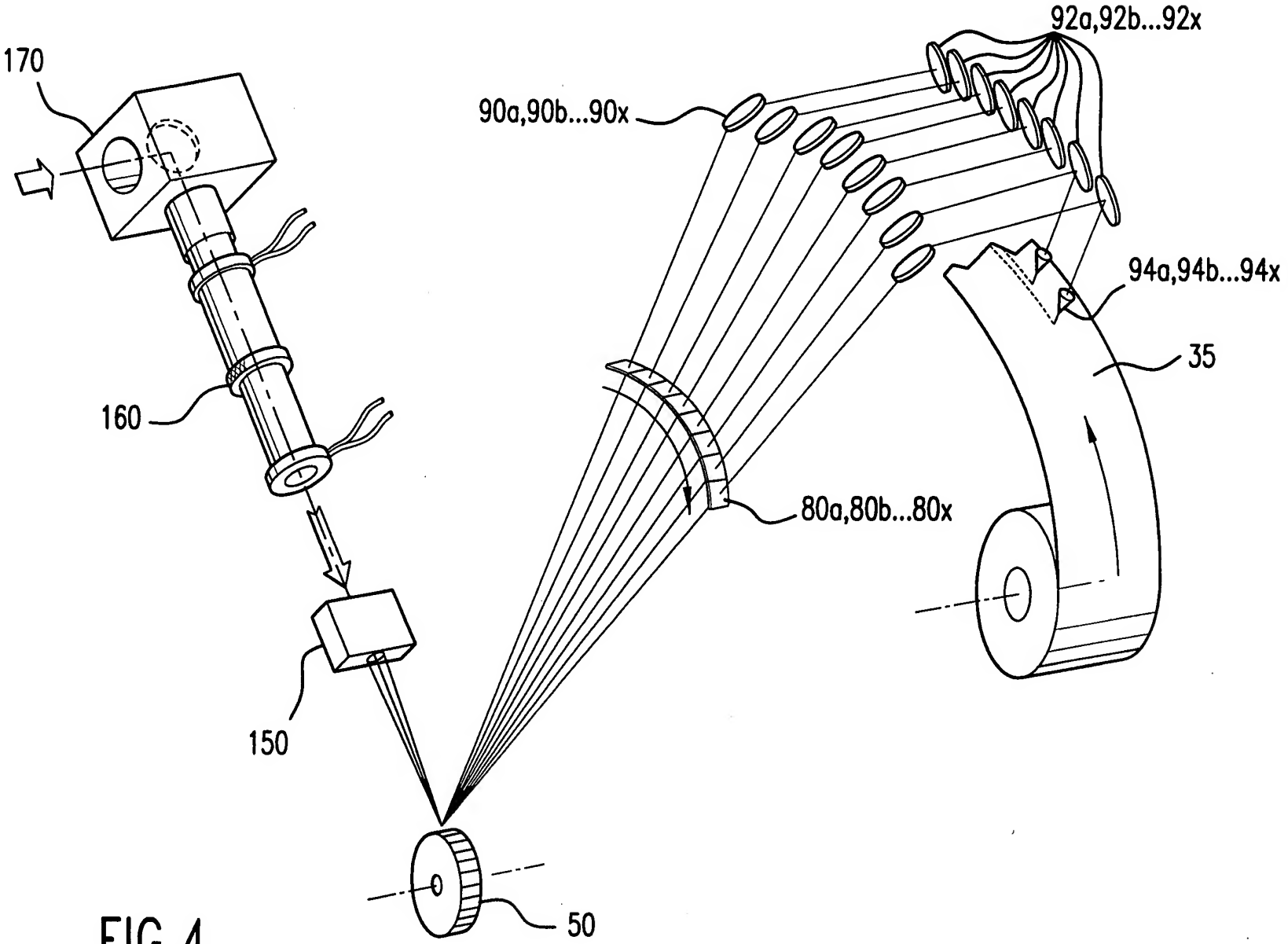

FIG.4

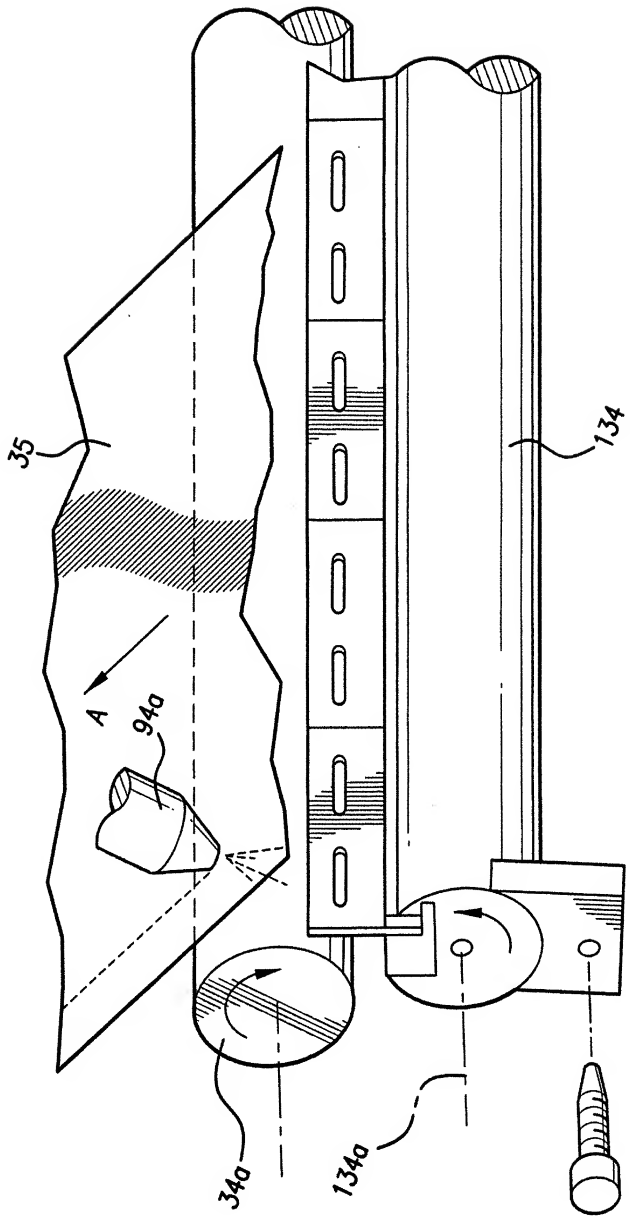

FIG. 5A

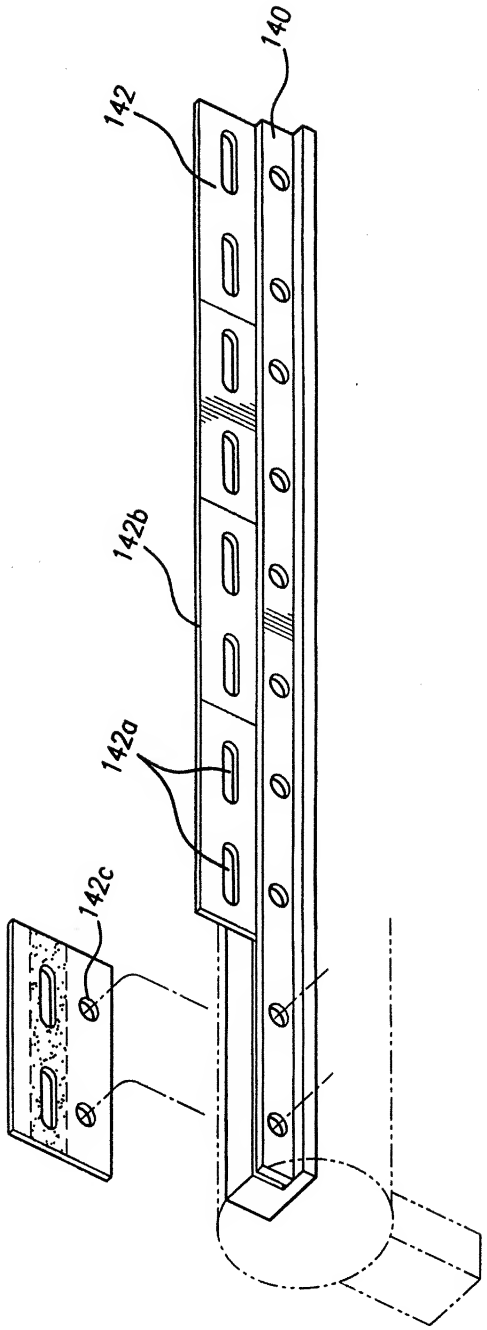

FIG.5B